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Jc520 U.S. PTO

**UTILITY PATENT APPLICATION TRANSMITTAL  
(Large Entity)**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
13458 (JP9 1999-0060)

Total Pages in this Submission

**TO THE ASSISTANT COMMISSIONER FOR PATENTS**Box Patent Application  
Washington, D.C. 20231

Transmitted herewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an invention entitled:

**ALTERATION DETECTION APPARATUS AND METHOD THEREOF**

and invented by:

Satoko Tonegawa  
Norishige Morimoto  
Kohichi KamijohJc398 U.S. PTO  
09/548377

04/12/00

If a CONTINUATION APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Which is a:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Enclosed are:

**Application Elements**

1. ☒ Filing fee as calculated and transmitted as described below
2. ☒ Specification having 74 pages and including the following:
  - a. ☒ Descriptive Title of the Invention
  - b. ☐ Cross References to Related Applications (if applicable)
  - c. ☐ Statement Regarding Federally-sponsored Research/Development (if applicable)
  - d. ☐ Reference to Microfiche Appendix (if applicable)
  - e. ☒ Background of the Invention
  - f. ☒ Brief Summary of the Invention
  - g. ☒ Brief Description of the Drawings (if drawings filed)
  - h. ☒ Detailed Description
  - i. ☒ Claim(s) as Classified Below
  - j. ☒ Abstract of the Disclosure

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**Application Elements (Continued)**

3. ☒ Drawing(s) *(when necessary as prescribed by 35 USC 113)*
- a. ☒ Formal                      Number of Sheets                      24
- b. ☐ Informal                      Number of Sheets                      \_\_\_\_\_
4. ☒ Oath or Declaration
- a. ☒ Newly executed *(original or copy)*                      ☐ Unexecuted
- b. ☐ Copy from a prior application (37 CFR 1.63(d)) *(for continuation/divisional application only)*
- c. ☒ With Power of Attorney                      ☐ Without Power of Attorney
- d. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application,  
see 37 C.F.R. 1.63(d)(2) and 1.33(b).
5. ☐ Incorporation By Reference *(usable if Box 4b is checked)*  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied  
under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby  
incorporated by reference therein.
6. ☐ Computer Program in Microfiche *(Appendix)*
7. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all must be included)*
- a. ☐ Paper Copy
- b. ☐ Computer Readable Copy *(identical to computer copy)*
- c. ☐ Statement Verifying Identical Paper and Computer Readable Copy

**Accompanying Application Parts**

8. ☒ Assignment Papers *(cover sheet & document(s))*
9. ☐ 37 CFR 3.73(B) Statement *(when there is an assignee)*
10. ☐ English Translation Document *(if applicable)*
11. ☒ Information Disclosure Statement/PTO-1449                      ☒ Copies of IDS Citations
12. ☐ Preliminary Amendment
13. ☒ Acknowledgment postcard
14. ☒ Certificate of Mailing
- ☐ First Class                      ☒ Express Mail *(Specify Label No.):* EL357933192US

# UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No.  
13458 (JP9 1999-0060)

Total Pages in this Submission

## Accompanying Application Parts (Continued)

15. ☒ Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. ☒ Additional Enclosures (please identify below):

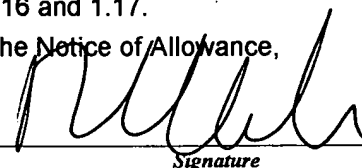
ASSOCIATE POWER OF ATTORNEY AND REQUEST FOR CHANGE OF MAILING ADDRESS

## Fee Calculation and Transmittal

### CLAIMS AS FILED

| For  | #Filed | #Allowed | #Extra | Rate      | Fee        |
|--|--------|----------|--------|-----------|------------|
| Total Claims   | 19     | - 20 =   | 0      | x \$18.00 | \$0.00     |
| Indep. Claims  | 8      | - 3 =    | 5      | x \$78.00 | \$390.00   |
| Multiple Dependent Claims (check if applicable) <input type="checkbox"/> |        |          |        |           | \$0.00     |
| BASIC FEE  |        |          |        |           | \$690.00   |
| OTHER FEE (specify purpose) Assignment recordal fee                      |        |          |        |           | \$40.00    |
| TOTAL FILING FEE   |        |          |        |           | \$1,120.00 |

- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 50-0510/IBM as described below. A duplicate copy of this sheet is enclosed.
- ☒ Charge the amount of \$1,120.00 as filing fee.
- ☒ Credit any overpayment.
- ☒ Charge any additional filing fees required under 37 C.F.R. 1.16 and 1.17.
- ☐ Charge the issue fee set in 37 C.F.R. 1.18 at the mailing of the Notice of Allowance, pursuant to 37 C.F.R. 1.311(b).



Signature

Richard L. Catania  
Registration No. 32,608  
SCULLY, SCOTT, MURPHY & PRESSER  
400 Garden City Plaza  
Garden City, NY 11530  
(516) 742-4343

Dated: April 12, 2000

cc:

**CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)**Applicant(s): **Satoko Tonegawa, et al.**

Docket No.

**13458 (JP9 1999-0060)**Serial No.  
**unassigned**Filing Date  
**herewith**

Examiner

Group Art Unit  
**unassigned**Invention: **ALTERATION DETECTION APPARATUS AND METHOD THEREOF**jc398 U.S. PTO  
09/548877  
04/12/00I hereby certify that this **New Patent Application***(Identify type of correspondence)*

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under  
37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231

on **April 12, 2000**  
*(Date)*

**Mishelle Spina***(Typed or Printed Name of Person Mailing Correspondence)**(Signature of Person Mailing Correspondence)***EL357933192US***("Express Mail" Mailing Label Number)***Note: Each paper must have its own certificate of mailing.**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Satoko Tonegawa, et al.

Serial No.: unassigned

Art Unit: unassigned

Filed: herewith

Docket: 13458

(JP9 1999-0060)

For: ALTERATION DETECTION APPARATUS  
AND METHOD THEREOF

Dated: April 12, 2000

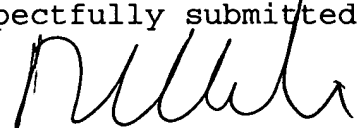
Assistant Commissioner for Patents  
Washington, DC 20231

CLAIM OF PRIORITY

Sir:

Applicants, in the above-identified application, hereby claim the right of priority in connection with Title 35 U.S.C. §119 and in support thereof, herewith submits certified copies of Japanese Patent Application No. 11-107055, filed on April 14, 1999 and Japanese Patent Application No. 11-158358, filed on June 4, 1999.

Respectfully submitted,

  
Richard L. Catania  
Registration No. 32,608

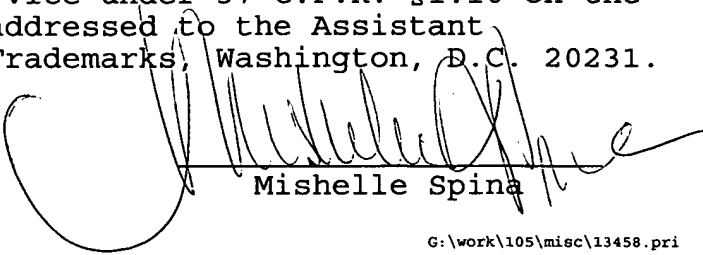
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400 Garden City Plaza  
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I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Dated: April 12, 2000

  
Mishelle Spina

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